

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Qifa Ke</td><td>01/03/2011</td></tr><tr><td>Jia Deng</td><td>01/07/2011</td></tr><tr><td>Simon Baker</td><td>01/02/2011</td></tr><tr><td>Michael Isard</td><td>01/04/2011</td></tr></tbody></table>		Name	Execution Date	Qifa Ke	01/03/2011	Jia Deng	01/07/2011	Simon Baker	01/02/2011	Michael Isard	01/04/2011
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Jia Deng	01/07/2011										
Simon Baker	01/02/2011										
Michael Isard	01/04/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Microsoft Corporation</td></tr><tr><td>Street Address:</td><td>One Microsoft Way</td></tr><tr><td>City:</td><td>Redmond</td></tr><tr><td>State/Country:</td><td>WASHINGTON</td></tr><tr><td>Postal Code:</td><td>98052</td></tr></table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12987167</td></tr></tbody></table>		Property Type	Number	Application Number:	12987167						
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Application Number:	12987167										
CORRESPONDENCE DATA											
Fax Number: (425)936-7329 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 4: Redmond, WASHINGTON 98052											
ATTORNEY DOCKET NUMBER:	331429.01										
NAME OF SUBMITTER:	Amandeep Kaur										
Total Attachments: 9											

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PATENT
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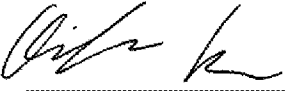
I/WE, Qifa Ke, Jia Deng, Simon Baker, and Michael Isard("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IMAGE RETRIEVAL USING DISCRIMINATIVE VISUAL FEATURES" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12/987167, filed 01/10/2011) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on _____ and was given Application No. _____;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

	1/3/2011
Inventor's Signature	Date
Qifa Ke	柯启发
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Jia Deng	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Simon Baker	
Printed Name in English	Printed Name in Native Language (if other than English)



Inventor's Signature

4 January 2011

Date

Michael Isard

Printed Name in English

Printed Name in Native Language (if
other than English)

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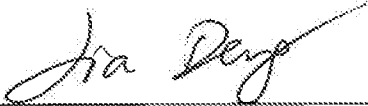
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_____ Inventor's Signature	_____ Date
<u>Qifa Ke</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>1/7/2011</u> _____ Date
<u>Jia Deng</u> Printed Name in English	<u>邓嘉</u> _____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Simon Baker</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
_____ Michael Isard	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

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<u>Qifa Ke</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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